TURKEY:
A DEVELOPING COUNTRY

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Current Case

- 2 national backbones
  - academic
  - commercial
- 4 international links
- 3000 host in March 1995, 37327 hosts in June 1998 and 85000 hosts in June 2000
- estimated number of users 1000000

Turkey

- Map

- Data about the Internet usage in Turkey
    - kursat
    - ilker
    - ours

Problems

- Economic problems
- Telco monopoly
- Reselling
- Lack of regulatory body
- Social and cultural issues

Economic

- ◆ not enough money for
  - lines
  - personnel
  - equipment
- ◆ true for academic backbone (state)

Telco Monopoly

- No real infrastructure
- No real motivation to give better service
- No reselling is allowed
- true for both academic and commercial

Reselling

- A problem for commercial nw
- Telco do not like it
- no market at the beginning
- attracting customers

Regulations

- No regulatory body
- different state offices have power to do different things
- but do not have responsibility
- both for academia and commercial

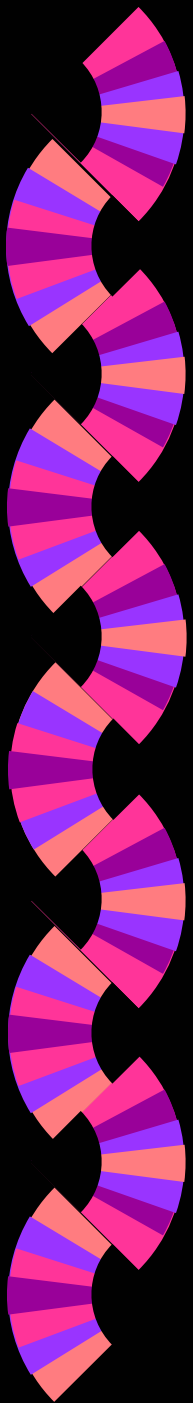# *Social and cultural issues*

- for most people even accessing basic life facilities is a problem

- language / contents

- no training

- expensive service for an ordinary dial-up user (pc + ISP fee + phone bill)
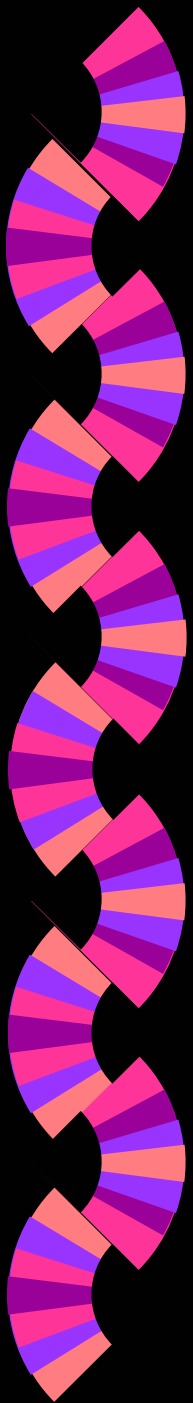
- training people

- both academic and commercial

5 years later...

- one backbone

- educational backbone will diminish

- severe security and operations management problems

- more business on the net

- increase in the number of ISPs

- increase in the usage

- mobile phone networks will carry more internet traffic

What do we need?

Economical

- Growth

- consistency

Regulatory body

- that has power and budget

- representatives from the government, the industry, the academia

Law

- About security issues
- electronic crime
- copyright issues
- all e-commerce oriented issues

Telecommunication carrier

- privatization in telco,
- many carriers
- peering between them
- load sharing etc.

Usage of IT

- in business
- in state offices
- in education
- security issues
- operations management issues

Training

- Users

- technical people

- informing people about the benefits of Internet

For more users

- More Internet cafes
- Good marketing
- Lower fees

Content

- ◆ Turkish

- ◆ more information about the state services

- ◆ better designed home pages